

Find the mean (average) of each set of numbers. Round your answer to the nearest tenth.

Answers

11	10.2	8.2	13	9.3
14	9	8	11.1	10.6
11	10.6	10.6	9.1	7

1) 17, 12, 8, 4, 6, 1, 12, 16, 16

2) 17, 1, 14, 7, 12, 15

3) 20, 6, 7, 7, 1

4) 15, 10, 7, 7, 17, 20, 19, 12, 19

5) 7, 9, 6, 7, 14, 2, 14, 14

6) 11, 10, 5, 2, 6, 10, 19

7) 16, 2, 7, 18, 19, 3, 7, 18, 10

8) 10, 17, 15, 8, 12, 9, 7, 15, 6

9) 10, 19, 9, 6, 19, 6, 12, 4

10) 16, 14, 3, 2, 5, 4, 2, 15, 2

11) 15, 11, 9, 15, 3

12) 9, 5, 18, 2, 12, 1, 2, 15

13) 2, 7, 8, 10, 17, 14, 7

14) 7, 16, 6, 16, 18

15) 9, 9, 13, 1, 10, 7, 19, 17

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____
11. _____
12. _____
13. _____
14. _____
15. _____

Find the median of each set of numbers.

Answers

8

13

9.5

10

12

7

13.5

13

17

7

1) 6, 12, 4, 20, 16, 8, 3, 6

2) 17, 17, 9, 3, 5, 13, 3, 17, 17

3) 13, 5, 18, 14, 13, 15

4) 8, 1, 17, 14, 2, 7, 13, 18, 4

5) 19, 18, 8, 11, 19, 16

6) 5, 18, 12, 2, 17, 17, 15, 10, 5

7) 19, 7, 5, 6, 16, 14, 6, 12

8) 9, 5, 17, 13, 5, 16, 15

9) 5, 20, 3, 10, 3, 9

10) 8, 2, 12, 19, 13, 10, 10

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____

Find the range of each set of numbers.

Answers

1) 75, 80, 57, 22, 100, 4, 91, 22, 76

1. _____

2) 37, 78, 63, 66, 28, 37, 68

2. _____

3) 50, 96, 52, 8, 37, 2, 25, 20, 72

3. _____

4) 44, 6, 91, 91, 21, 86, 78

4. _____

5) 14, 34, 67, 79, 32

5. _____

6) 42, 71, 36, 67, 38, 41, 33, 47

6. _____

7) 86, 85, 81, 81, 53, 99

7. _____

8) 16, 38, 36, 51, 69, 88, 5, 80, 36

8. _____

9) 65, 51, 79, 23, 26

9. _____

10) 84, 52, 46, 56, 85, 33, 36, 85, 66

10. _____

11) 55, 42, 62, 91, 11, 51, 57, 12

11. _____

12) 84, 85, 74, 26, 61, 31, 72, 53

12. _____

13) 30, 55, 56, 89, 64, 19, 94

13. _____

14) 70, 11, 76, 9, 31, 28

14. _____

15) 91, 81, 17, 61, 98, 6, 74, 32

15. _____

**Solve each Problem.**

- 1) At a school several teachers were holding a contest to see which class could earn the most trivia points. Mrs. William's class scored 94 points. Mr. Adams class earned 92 points. Mrs. Brown's class earned 84 and Mrs. Daniel's class earned 94. Determine the mean (rounded to the nearest tenth), median, mode and range of the number of points scored.

- 2) Amy was doing a classroom survey. She asked the girls in the class how many siblings they had and recorded the results: 1, 6, 10, 4, 3, 3, 11, 3 and 10. Determine the mean (rounded to the nearest tenth), median, mode and range of the results.

- 3) Cody counted the number of times people sharpened their pencils in class for a week. He counted: 13, 8, 13, 21, 7 and 23. Determine the mean (rounded to the nearest tenth), median, mode and range of the numbers.

- 4) At an ice cream parlor, the owner was tracking the number of chocolate cones he sold over a week. His results were: 100, 92, 109, 96, 103, 96 and 105. Determine the mean (rounded to the nearest tenth), median, mode and range of the cones sold.

- 5) A car salesman sold 3 on Monday, 11 on Tuesday, 2 on Wednesday, 12 on Thursday, 11 on Friday and 6 on Saturday. Determine the mean (rounded to the nearest tenth), median, mode and range of the number of cars he sold.

Answers

1. _____
2. _____
3. _____
4. _____
5. _____

Find the 1st, 2nd (median) and 3rd quartile of the set of numbers.

Ex) 51, 33, 35, 77, 90, 51, 45

(33, 35, 45, 51, 51, 77, 90

1) 86, 21, 42, 71, 99, 82, 85, 21

2) 5, 8, 7, 10, 8, 7, 4, 3, 5

3) 82, 79, 47, 89, 79, 36, 28, 68, 99, 51

4) 53, 40, 22, 45, 25, 43, 89, 41

5) 9, 7, 2, 9, 7, 3, 7, 6, 6, 2

(21, 34, 50, 66, 27, 46, 62

7) 61, 80, 51, 30, 21, 37, 77

8) 4, 5, 3, 3, 3, 2, 8, 4, 6, 3

9) 99, 90, 40, 70, 26, 24, 25, 60, 45

10) 53, 47, 56, 94, 22, 92, 39, 29, 73, 92

11) 31, 26, 30, 80, 79, 21, 45, 98

1 38, 37, 88, 78, 57, 65, 30, 67, 57

Answers

Ex. 35 51 77

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____

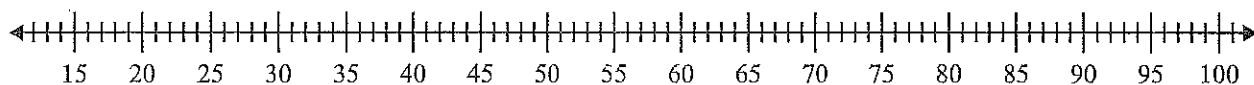
11. _____

12. _____

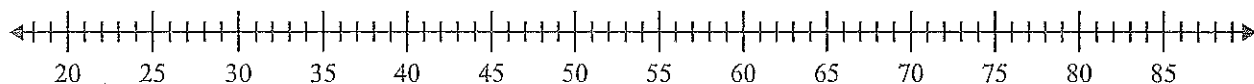


Create a box plot from the set of numbers.

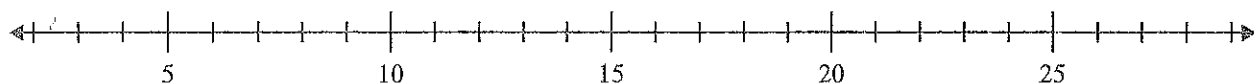
- 1) 85, 33, 27, 73, 50, 96, 29, 41, 44, 45, 50, 44, 47



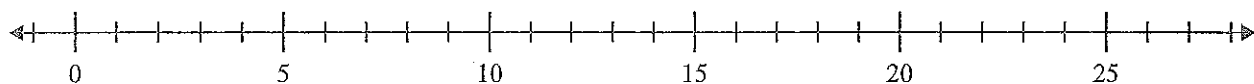
- 2) 61, 39, 74, 71, 73, 81, 35, 30, 59



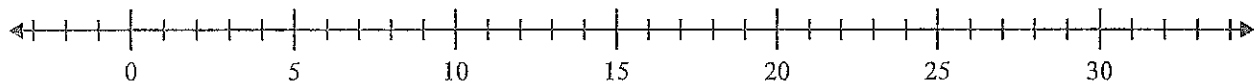
- 3) 18, 16, 15, 15, 14, 7, 13



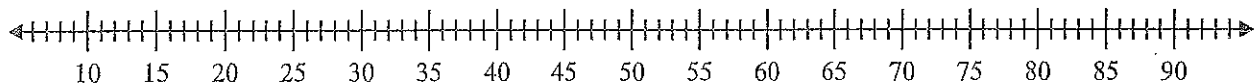
- 4) 13, 5, 9, 5, 14, 19



- 5) 5, 19, 7, 11, 16, 16



- 6) 43, 35, 42, 81, 63, 21, 83, 54, 39



- 7) 27, 28, 82, 57, 60, 92, 37, 31

